GENERAL STUDIES

PAPER-3_F

Technology, Economic Development, Bio Diversity, Environment, Security and Disaster Management

TIME ALLOWED: THREE HOURS	MAXIMUM MARKS: 250

<u>**Question Paper Specific Instructions**</u>

Please read each of the following instructions carefully before attempting questions:

There are **TWENTY** questions printed only in **ENGLISH.**

All the questions are compulsory.

The number of marks carried by a question/part is indicated against it.

Answers must be written in the medium authorized in the Admission Certificate which must be stated clearly on the cover of this Question-cum-Answer (QCA) Booklet in the space provided. No marks will be given for answers written in a medium other than the authorized one.

Word limit in questions, wherever specified, should be adhered to.

Any page or portion of the page left blank in the Questions-cum-Answer Booklet must be clearly struck off.

<u>Answer all the following questions. Contents of the answer are more important than its length.</u>

Q1) What is 'inclusive growth'? Explain how can such a growth process help India improve its rank on Human Development Index?

(150 words/10 marks)

Q2) What are the different methods used by countries to adopt trade protectionist policies? Analyse the impact of using such trade protectionist policies on both developed and developing countries.

(150 words/10 marks)

Q3) A well-documented finding in Economic Survey relates to the percentage of women who work, which has indeed declined over time. Examine the causes and implications.

(150 words/10 marks)

Q4) The government has been making efforts to integrate farmers with agro-industries to ensure that they get better prices for their produce. Is contract farming a better solution in this regard? Examine.

(150 words/10 marks)

Q5) What is the relevance of oxytocin hormone in livestock industry? What are the concerns of protagonists as well as antagonists about its use? What are the recent steps taken by the government in this regard?

(150 words/10 marks)

Q6) Define persistent organic pollutants and what dangers they pose to health and environment? What measures can be taken to prevent its menace?

(150 words/10 marks)

Q7) What is net- neutrality? What arguments can be stated in favour and against net neutrality?

(150 words/10 marks)

Q8) "While stratospheric ozone layer is a necessity, ozone in troposphere is hazardous". Explain.

(150 words/10 marks)

Q9) What is cyber terrorism? Why is it a preferred weapon of terrorists? What suggestions would you give to curb this menace?

(150 words/10 marks)

Q10) 'Terrorism is now not a problem of only India, but has extended worldwide'. Hence the need of the hour is international joint efforts to counter terrorism. Discuss how India can play a prominent role in this regard.

(150 words/10 marks)

Q11) To build a robust banking system, recapitalization will have to be complemented by a host of other measures. Explain.

(250 words/15 marks)

Q12) Consolidation of Public sector Banks have been in news. In light of this, analyse the implications of merging of banks.

(250 words/15 marks)

Q13) Can loan waivers in farming sector really solve the agrarian crisis and help in doubling farmer's income in the long run? Examine.

(250 words/15 marks)

Q14) Does MSMEs really hold the potential to address the unemployment scenario in India? Examine. What are the challenges faced by MSMEs in India?

(250 words/15 marks)

Q15) Sustainable Development Goals brings out clearly that poverty is "multi-dimensional" and therefore requires a range of interventions. In light of this statement, bring out some challenges in the path of creating poverty-free Rural Clusters in India.

(250 words/15 marks)

Q16) "Demand for Energy" graph has shown an upward trend. In background of this fact, do you think that methanol can be used as an alternative fuel? Discuss its advantages and limitations.

(250 words/15 marks)

Q17) What are the potential areas where Block-chain technology can be applied in the future? Also enumerate some advantages and challenges in its use.

(250 words/15 marks)

Q18) Examine the significance of technologies such as artificial intelligence (AI), virtual reality (VR), augmented reality (VR) and big data in transforming education and learning in India.

(250 words/15 marks)

Q19) How important are vulnerability and risk assessment for pre-disaster management. As an administrator, what are key areas that you would focus in a disaster management?

(250 words/15 marks)

Q20) Border security is one of the most vital components of national security of any country and in this regard, the Indian government has been pushing for technological solutions through Comprehensive Integrated Border Management System (CIBMS) project. In this light, discuss the limitations, cost-effectiveness and suitability of technological solutions to manage India's borders.

(250 words/15 marks)

UPSC CIVIL SERVICES MAINS EXAMINATION

ANSWER SHEET

NAME	
MOBILE NO.	

SUBJECT	Technology, Economic Development, Bio Diversity, Environment, Security and Disaster Management
REGISTRATION NO.	
UPSC PRELIMS ROLL NO.	

DATE	September 1st, 2018
TIME ALLOWED: 3 HOURS	

INDEX TABLE

QUES.NO	PAGE NO.	MAXIMUM MARKS	MARKS OBTAINED
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
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TOTAL MARKS

INSTRUCTIONS

- PLEASE NOTE THAT IT IS THE CANDIDATE'S RESPONSIBILITY TO ENCODE AND FILL THE FIRST PAGE OF THE ANSWER SHEET AS REQUIRED. IN ANY CASE IF IT IS LEFT VACANT, YOUR ANSWER WILL NOT BE EVALUATED.
- DO NOT WRITE ANYTHING ELSE ON THIS SHEET.
- PLEASE CHECK YOUR ANSWER SHEET BEFORE STARTING THE PAPER. IF YOU FIND ANY ERROR, GET IT REPLACED BY ANOTHER ONE.
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